

spared from the ordinary appropriation, to such improvements as from time to time were found to be necessary (some of them indispensable) for the preservation and safety of the buildings and premises, and the care, comfort and security of the patients. These were executed with all possible economy, and may be briefly enumerated as follows:

HEATING APPARATUS.

The repair of the apparatus for warming the building in cold weather was of paramount importance. The old system of steam pipe coiling, totally inadequate when new to insure comfort in cold weather for all parts of the building, and now quite ineffective from oxydation and long use, was partially removed from the male wing last year, and replaced by Gold's Radiators. This proved, so far as tried, an entire success. The continued corrosion and oxydation of the old piping in use made it quite unsafe to undertake going through another winter, and it was considered absolutely necessary to renew or repair for the entire female wing. This was done with the Radiators at a cost of about twenty-eight hundred dollars. The comfort of the entire building, before a subject of uncertainty and variation, is now secured upon the most improved plan extant, at an increase of thirty-three and one-third *per cent.* of heating surface, with no additional amount of fuel. The conveniences and advantages of this improvement will be apparent upon inspection. For the faithful execution of this work, at a great saving to the State, in the purchase of material and employment of expert labor, we are indebted to the skill and experience of our Engineer, Mr. John F. Curfman.

IMPROVED VENTILATION.

The imperfect ventilation of the wards during cold weather, when the windows for this purpose could not be made available, suggested the propriety of some change, if practicable, for